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SECOND SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3

Complete if Known	
Application No.	10/683,990
Filing Date:	October 10, 2003
First Named Inventor	McSwiggen
Art Unit	1633
Examiner Name	EPPS FORD, Janet L.
Attorney Docket Number	04-736 (400.134)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JE/	A	US-5,587,471	12-24-1996	Cook et al.	
	B	US-5,998,148	12-07-1999	Bennett et al.	
	C	US-5,998,206	12-07-1999	Cowsert	
	D	US-6,0456	05-09-2000	Arnold et al.	
	E	US-6,214,805	04-10-2001	Torrence et al.	
	F	US-6,573,099	06-03-2003	Graham et al.	
	G	US-6,824,972	11-30-2004	Kenwrick et al.	
	H	US-7,078,196	07-18-2006	Tuschl et al.	
	I	US-2002/0086356	07-04-2002	Tuschl et al.	
	J	US-2002/0151693	10-17-2002	Breaker et al.	
	K	US-2003/0059944	03-27-2003	Lois-Caballe et al.	
	L	US-2003/0064945	04-03-2003	Akhtar et al.	
	M	US-2003/0143732	07-31-2003	Fosnaugh et al.	
	N	US-2004/0019001	01-29-2004	McSwiggen, James A.	
	O	US-2005/0020521	01-27-2005	Rana, Tariq M.	
	P	US-2005/0182005	02-18-2005	Tuschl et al.	
/JE/	Q	US-2005/0227256	10-13-2005	Hutvagner et al.	

Examiner Signature	/Janet Epps Ford/	Date Considered	08/17/2007

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FOREIGN PATENT DOCUMENTS

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/JE/	1.	WO-03/044188	05-30-2003	Tei et al.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
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	3.	Bellon et al., "4-Thio-oligo-β-D-ribonucleotides: synthesis of β-4'-thio-oligouridylates, nuclease resistance, base pairing properties, and interaction with HIV-1 reverse transcriptase," *Nucleic Acids Research,* 21(7):1587-1593 (1993)	
	4.	Bitko et al., "Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA viruses," *BMC Microbiology,* 1:34 (2001)	
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	6.	Braasch et al., "RNA Inteference in Mammalian Cells by Chemically-Modified RNA," *Biochemistry,* 42, 7967-7975 (2003)	
	7.	Caplen, Natasha J., "RNAi as a gene therapy approach," *Expert Opin. Biol. Ther.,* 3(4):575-586 (2003)	
/JE/	8.	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," *Science*, 309, 1529-1530 (2005)	

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/JE/	9.	Elbashir et al., "Analysis of gene function in somatic mammalian cells using small interfering RNAs," *Methods,* 26:199-213 (2002)	
	10.	Hamasaki et al., "Short interfering RNA-directed inhibition of hepatitis B virus replication," *FEBS Letters,* 543:51-54 (2003)	
	11.	Hammond et al., "Post-Transcriptional Gene Silencing by Double-Stranded RNA," *Nature,* 2:110-119 (2001)	
	12.	Holen et al., "Positional effects of short interfering RNAs targeting the human coagulation trigger Tissue Factor," *Nucleic Acids Research,* 30:8, 1757-1766 (2002)	
	13.	Hornung et al., "Sequence-specific potent induction of IFN-α by short interfering RNA in plasmacytoid dendritic cells through TLR7," *Nature Medicine,* 11, 263-270 (2005)	
	14.	Judge et al., "Sequence-dependent stimulation of the mammalian innate immune response by synthetic siRNA," *Nature Biotechnology,* 23(4):457-462 (2005)	
	15.	Mattick, John S., "The Functional Genomics of Noncoding RNA", Science, 309, 1527-1528 (2005)	
	16.	McCaffrey et al., "RNA interference in adult mice," Nature, 148, 38-39 (2002)	
	17.	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression," J. Biol. Chem. 268:14514-14522 (1993)	
	18.	Olie et al., "Analysis of ribosyl-modified, mixed backbone analogs of a bcl-2/bcl-xL antisense oligonucleotide," *Biochimica et Biophysica Acta,* 1576, 101-109 (2002)	
	19.	Thomson et al., "Activity of hammerhead ribozymes containing non-nucleotidic linkers," Nucleic Acids Research 21:5600-5603 (1993)	
/JE/	20.	Vickers et al., "Efficient Reduction of Target RNAs by Small Interfering RNA and RNase H-dependent Antisense Agents," *Journal of Biological Chemistry,* 278, 7108-7118 (2003)	

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